

DIRECT 1991	TOTAL	ADMIN	ARD	BCR	CAD	CHM	CIGDEV	CIGTEC	CTSD	DEVENG	FLADEV	PED	PHY	STS-TA	TIS	TOBFUN	TOBMATL	TOBPF	EX/ADMIN
OPERATIONS SUPPORT									0.00										
Adhesives	2.60		2.00								0.20								0.40
Cigarette Monitoring	1.20								0.50		0.10								0.10
Materials Evaluation	5.20		3.50				0.05	0.25	0.00					0.20					1.20
Customer Complaints-T/O/s	1.90		1.00					0.70			0.10			0.10					0.10
Flavor Dev/Analytical Sup	1.40										0.20			0.10					1.10
Marlboro Standardization	5.75		1.00				0.25		3.00		1.00								0.50
Alt Humectants/Preserv	1.55			1.25							0.10								0.20
Micro Quality Improv	4.20			4.10															0.10
Monogram Inks	1.00												1.00						
Packaging - Inks & Solvents	3.95		1.00					2.75			0.20								
Semiworks Support	17.10								2.00		0.10							15.00	
Burley Spray/Dry Flavors	0.40										0.10								0.30
Flavor Specs/Certs	2.30		1.50								0.60								
ETS Studies	1.10		1.00											0.20					
Entomological Support	5.30		1.00	4.30										0.10					
Project Warhol	0.00			0.00															
Engineering Stud/Methods	3.00		2.50						0.50		0.00								
Recon Sheet Certification	0.00										0.00								
Cooperative Leaf Studies	2.00		1.50				0.50												
Environmental Issues	6.00		4.50	1.00							0.30			0.10					0.10
PROJECT TOMORROW	15.45		1.00		0.20	0.35	2.00	1.25	0.50	0.20	1.25			6.50	0.20				2.00
OPTICAL PROCESSING	6.35									0.20				6.00					0.15
NEW EXPANSION PROCESS	36.95		3.00		0.20					3.50	0.85			8.00	0.70		11.70	7.00	2.00
CASY LEAF RCB PROCESS	13.00		2.00						0.50	0.80	0.70			0.40				8.40	1.00
PROJECT ART									0.00										
Art Sup of Current proc	19.60		3.00	0.25		1.05	1.00	0.25	1.00	0.40	0.25		0.50					3.20	8.70
Art Process Development	17.25		4.00	0.40	0.20	1.05				1.10	1.00		0.50					9.00	
Art Total																			
PROJECT BETA	28.75		2.00		0.40	0.10				1.70	0.25		21.00			3.30			
PROJECT SIGMA	1.00							0.10			0.00							0.90	
TSNA	18.50			18.40		0.10													
LBA	11.20		0.50	10.40		0.10								0.20					
REDUCED SS/PAPER TECH	36.85		6.50	1.10	0.20	13.00	0.25	11.25			0.60			1.00					2.95
PROJECT AMBROSIA/ASH TRAY ODOR	8.25		2.00	0.10		2.10	1.75	1.00			1.00			0.10					0.20
PROJECT PACT	2.70									0.40			0.50	0.80			1.00		
LOW TAR/HIGH FLAVOR	10.60		1.00	1.50		0.95	2.00	1.00	0.50		2.35						0.50	0.80	
FILTER RESEARCH	0.00										0.00							0.00	
Domestic	5.55		0.50		0.20	0.05		3.00	0.50		0.30		0.50					0.50	
International	1.50							1.50			0.00								
DOMESTIC PRODUCT DEVELOPMENT	61.20		1.00		0.30		4.00	1.75	14.00		4.15	24.30		0.90			1.00	9.60	
INTERNATIONAL PRODUCT SUPPORT	0.00																0.00	0.00	
PM USA	17.80		1.50		0.30	0.20		1.50	2.00		2.00	1.00					0.50	8.80	
PM FI	41.00						15.00		22.00		2.00	2.00							
PROJECT NATURAL	1.50						0.50				0.20								0.80
INGREDIENTS	2.80			0.20															
MENTHOL	5.90					0.90	0.50	0.30	0.50	1.20	2.00						0.50		0.50
REDUCED TAR & NICOTINE INTL	1.70							0.50	0.50		0.20								
SELECTIVE FILTRATION	2.40		1.50					0.40					0.50						
NEW PACKAGING CONCEPTS	0.20							0.20											
PROCESS DEV STUDIES	2.00							1.10											
COMBUSTION RESEARCH																0.00		0.90	
Mass Burn Control	1.10					0.10							1.00						
Pyrolysis Temp Control	0.00																		
FLAVORS																			
Thermal Flavor Release	3.35		0.50			1.60		0.25			1.00								
Flavor Formation Studies	1.20					0.20					1.00								
Fragrances	0.25					0.20					0.05								
Volatile Flavors	0.85					0.40					0.45								
AEROSOLS																			
Formation Mechanisms	4.55				1.00	1.35		0.20					2.00						
Short Lived Aerosols	1.00												1.00						
SELECTIVE SEPARATIONS																			
Supercritical Technology	2.40		2.00	0.40															

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DIRECT 1991																			
Membrane Separation	0.45					0.45													
CONSUMER TESTING RESEARCH																			
Regression Based Mod of Lik	1.50											1.50							
Stochastic Discrimination Mo	0.50											0.50							
Cost/Benefit Eval	0.50											0.50							
Quant Mod of Market Dynamics	0.20											0.20							
CHEMICAL SENSES																			
Electrophysiological Stud	0.60			0.60		0.00													
Trigeminal Stud	0.25			0.25															
Odor Panel	0.40					0.40													
Room Odor Panel	0.00																		
Flav Response/ Chm Aspects	0.80		0.50											0.30					
Struct-Act Relationships	0.20			0.20															
MEAS & SENS OF PHY & CHM CHAR																			
Process Control Sys	1.00		1.00																
BIOLOGICAL																			
Bioconversion	3.25		1.00	2.20		0.05													
Antibodies	0.75			0.70		0.05													
Biosensors	1.30			1.30															
COMPUTING SYSTEMS																			
Expert Sys & Neural Net	2.00				2.00														
Optical Computing	0.00																		
BASIC ANALYTICAL RESEARCH	2.00		2.00																
Plant Tissue culture	1.35			1.35															
Processing Flt Sup	0.40			0.00							0.40				0.00		0.00		
Biochemical Processing	0.00														0.00				
Alpha	0.00																		
Primary Improv	4.00																4.00		
Recon Flt Sup	2.90																2.90		
Total Support	142.20	29.00	1.00	0.00	28.00	2.70	0.00	0.00	11.00	16.50	0.00	0.00	0.00	0.00	11.00	0.00	0.00	0.00	43.00
Total Direct	434.80	0.00	57.00	50.00	5.00	25.30	13.00	29.00	26.00	9.50	23.00	28.00	49.00	8.00	0.00	15.00	38.00	59.00	0.00
Total Direct & Support	577.00	29.00	58.00	50.00	33.00	28.00	13.00	29.00	37.00	26.00	23.00	28.00	49.00	8.00	11.00	15.00	38.00	59.00	43.00
	577.00																		
	434.80																		

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